

CENTRAL INTELLIGENCE AGENCY  
PROPOSED OFFICE BUILDING  
N-182  
LANGLEY, VIRGINIA

OUTLINE SPECIFICATIONS  
for  
ELEVATOR AND DUMBWAITER WORK

JANUARY 31, 1958

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Date 2/1/81 Reviewer 018995

Job #N-182  
January 31, 1958

OUTLINE SPECIFICATIONS

for

ELEVATOR AND DUMBWAITER WORK

EL-01 SCOPE OF WORK

a. All required labor, materials, equipment, and Contractor's services necessary for complete installation of Elevator and Dumbwaiter Work in full conformity with requirements of all Authorities having jurisdiction; all as indicated on drawings and specified in attached Schedules Nos. 1, 2, 3, and 4.

b. Material and equipment shall be as required by Standards of General Services Administration, Public Buildings Service, Construction Division.

EL-02 WORK NOT INCLUDED

a. Elevator and dumbwaiter hoistways properly framed and inclosed, including elevator pits.

b. Machine rooms properly lighted and ventilated.

c. Adequate access doors, ladders and guards as required.

d. Supports for guide rail brackets.

e. Electric feeders with required main line switches or circuit breakers to elevator and dumbwaiter motor controllers.

f. Electric outlets in center of elevator hoistways and in elevator pits.

g. Electric power for testing and adjusting elevator and dumbwaiter equipment.

h. All cutting and patching of beams, walls and masonry work required, including repairs to plaster, also all chases and openings as required and indicated.

i. Finished painting of exposed iron and steel work.

j. Guarding and protecting hoistways during time equipment is being installed.

N-182  
Elevator Work

EL-03 ELECTRIC CURRENT

The current available at the secondary terminals of transformers supplying current for the operation of the elevator equipment in the building is 3 phase, 60 cycle, 440 volt, alternating current for power and single phase, 60 cycle, 120 volt, alternating current for lighting.

EL-04 MAINTENANCE

In addition to guarantee requirements as specified under the General Conditions, upon completion of the installation, the contractor shall furnish a thorough inspection and normal servicing of all work under this contract once every week for a period of ninety days. Such inspections shall be made by competent trained employees during the regular working hours and the service provided shall include all necessary adjustments, greasing, oiling, cleaning, supplies and parts to keep the equipment in proper operation, except for damage caused by improper care or by misuse of the equipment.

EL-2

	<u>BANK</u> CORE A	<u>BANK</u> CORE B	<u>BANK</u> CORE B
ELEVATOR NUMBER	1, 2, 3, & 4	5, 6	7, 8
ELEVATOR USE	PASSENGER	PASSENGER	PASSENGER
CONTRACT LOAD - LBS.	3500	3500	3500
CONTRACT SPEED - FPM	400	400	400
TRAVEL - FLOORS	GR. 1 <sup>ST</sup> THRU 7 <sup>TH</sup> INCL.	B. SMT. GR. 1 <sup>ST</sup> THRU 7 <sup>TH</sup> INCL.	GR. 1 <sup>ST</sup> THRU 7 <sup>TH</sup> INCL.
DISTANCE	92'-0" ±	113'-6" ±	92'-0" ±
STOPS - NUMBER	8	9	8
OPENINGS - NUMBER	8	9	8
PLATFORM SIZE	7'-0" x 6'-2"	7'-0" x 6'-2"	7'-0" x 6'-2"
OPERATION	GROUP AUTOMATIC	GROUP AUTOMATIC	GROUP AUTOMATIC
MACHINE TYPE	DUAL OPERATION	DUAL OPERATION	DUAL OPERATION
SELF-LEVELING	YES	YES	YES
SAFETYS : 1. CAR	YES	YES	YES
2. CWT.	NO	NO	NO
CAR-HOISTWAY DOOR SIZE	3'-6" x 7'-0"	3'-6" x 7'-0"	3'-6" x 7'-0"
CAR-HOISTWAY DOOR TYPE	CENTER OPNG	CENTER OPNG	CENTER OPNG
ELECTRIC DOOR OPERATOR	HIGH SPEED	HIGH SPEED	HIGH SPEED
CAR INDICATORS	YES	YES	YES
HALL INDICATION: 1. TYPICAL	LANtern	LANtern	LANtern
2. MAIN	LANtern	LANtern	LANtern
CAR ALLOWANCE	\$ 4000	\$ 4000	\$ 4000
ALLOW. FOR 1. TYPICAL	\$ 700	\$ 700	\$ 700
HOIST. DOORS EA 2. MAIN	\$ 1000	\$ 1000	\$ 1000
SUPERVISORY CONTROL	YES	YES	YES
STARTER & CONTROL PANEL	YES	YES	YES
INTERCOM. SYSTEM	TELEPHONE	TELEPHONE	TELEPHONE
CONTROL	GEN. FIELD	GEN. FIELD	GEN. FIELD
MACHINE LOCATION	OVERHEAD	OVERHEAD	OVERHEAD

BUILDING - LANGLEY PROJECT

LOCATION -

REV. JAN. 31, 1958

	CORE A	CORE B	
ELEVATOR NUMBER	9,10,11,12	13,14,15,16	17
ELEVATOR USE	PASSENGER	PASSENGER	SPECIAL
CONTRACT LOAD-LBS.	3500	3500	2500
CONTRACT SPEED - FPM	400	400	300
TRAVEL - FLOORS	GR. 15 THRU 7 <sup>1/2</sup> INCL.	GR. 15 THRU 7 <sup>1/2</sup> INCL.	ENMT. GR. 15 THRU 7 <sup>1/2</sup> INCL.
DISTANCE	92'-0" ±	92'-0" ±	105'-0" ±
STOPS-NUMBER	8	8	9
OPENINGS-NUMBER	3	3	3
PLATFORM SIZE	7'-0" x 6'-2"	7'-0" x 6'-2"	7'-0" x 5'-0"
OPERATION	SHUTTER AUTOMATIC	GROUP AUTOMATIC	SELECTIVE CALL
MACHINE TYPE	DUAL OPERATION	DUAL OPERATION	DUAL OPERATION
SELF-LEVELING	GEARLESS	GEARLESS	GEARED ESM
SAFETYS: 1. CAR	YES	YES	YES
2. GWT.	YES	YES	YES
CAR-HOISTWAY DOOR SIZE	3'-6" x 7'-0"	3'-6" x 7'-0"	3'-4" x 7'-0"
CAR-HOISTWAY DOOR TYPE	CENTER OPNG.	CENTER OPNG.	CENTER OPNG.
ELECTRIC DOOR OPERATOR	HIGH SPEED	HIGH SPEED	HIGH SPEED
CAR INDICATORS	YES	YES	YES
HALL INDICATION: 1.TYPICAL	LANTERN	LANTERN	POSITION INDICATOR
2.MAIN	LANTERN	LANTERN	POSITION INDICATOR
CAR ALLOWANCE	\$ 4000	\$ 4000	\$ 4000
ALLOW. FOR 1.TYPICAL	\$ 700	\$ 700	\$ 700
HOIST. DOORS EA 2.MAIN	\$ 1000	\$ 1000	\$ 1000
SUPERVISORY CONTROL	YES	YES	YES
STARTER & CONTROL PANEL	YES	YES	YES
INTERCOM. SYSTEM	TELEPHONE	TELEPHONE	TELEPHONE
CONTROL	GEN. FIELD	GEN. FIELD	GEN. FIELD
MACHINE LOCATION	OVERHEAD	OVERHEAD	BASEMENT

BUILDING

LANGLEY PROJECT

LOCATION

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BANKBANKBANK

ELEVATOR NUMBER	18, 19	20	21, 22
ELEVATOR USE	FREIGHT	KITCHEN	FILE LIFT
CONTRACT LOAD - LBS.	8000	3000	3500
CONTRACT SPEED - FPM	250	80	60
TRAVEL - FLOORS	B5MT, G2, 1 <sup>st</sup> THRU 7 <sup>th</sup> INCL.	GR., FIRST	GR., 1 <sup>st</sup> LEVEL 2 <sup>nd</sup> LEVEL
DISTANCE	113'-6" ±	14'-0" ±	18'-6" ±
STOPS - NUMBER	9	2	3
OPENINGS - NUMBER	9	2	3
PLATFORM SIZE	12'-8" x 8'-4"	7'-0" x 5'-6"	7'-0" x 6'-2"
OPERATION	SELECTIVE COLL. DUAL OPERATION	SINGLE AUTOMATIC DUAL OPERATION	SINGLE AUTOMATIC DUAL OPERATION
MACHINE TYPE	GEARED	HYDRAULIC	HYDRAULIC
SELF-LEVELING	YES	YES	YES
SAFETYS : 1. CAR	YES	NO	NO
2. CWT.	NO	NO	NO
CAR-HOISTWAY DOOR SIZE	8'-4" x 7'-0"	3'-6" x 7'-0"	3'-6" x 6'-8"
CAR-HOISTWAY DOOR TYPE	CENTER OPNG. TWO SPEED	CENTER OPNG.	CENTER OPNG.
ELECTRIC DOOR OPERATOR	MEDIUM SPEED	MEDIUM SPEED	MEDIUM SPEED
CAR INDICATORS	YES	NONE	YES
HALL INDICATION: 1. TYPICAL	POSITION IND.	NONE	POSITION IND.
2. MAIN	POSITION IND.	NONE	POSITION IND.
CAR ALLOWANCE	IN BID	\$ IN BID	\$ 3500
ALLOW. FOR	\$ 900	\$ 900	\$ 900
HOIST. DOORS EA	\$ 900	\$ 1200	\$ 900
SUPERVISORY CONTROL	NO	NO	NO
STARTER & CONTROL PANEL	NO	NO	NO
INTERCOM. SYSTEM	TELEPHONE	NO	NO
CONTROL	GEN. FIELD	VALVES	VALVES
MACHINE LOCATION	OVERHEAD	GROUND FLR.	GROUND FLR.

BUILDING LANGLEY PROJECT

LOCATION

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BANKBANKBANK

ELEVATOR NUMBER	
ELEVATOR USE	DUMBWAITER
CONTRACT LOAD-LBS.	500
CONTRACT SPEED - FPM	50
TRAVEL - FLOORS	GR, 1 <sup>ST</sup> thru 4 <sup>TH</sup> INCL
DISTANCE	55'-0"
STOPS - NUMBER	5
OPENINGS - NUMBER	5
PLATFORM SIZE	3'-0" x 3'-0"
OPERATION	CALL-SEND
MACHINE TYPE	OVERHEAD
SELF-LEVELING	YES
SAFETYS : 1. CAR	YES
2. CWT.	YES
CAR-HOISTWAY DOOR SIZE	3'-0" x 4'-0"
CAR-HOISTWAY DOOR TYPE	VERT. BIPART
ELECTRIC DOOR OPERATOR	MANUAL
CAR INDICATORS	
HALL INDICATION: 1.TYPICAL	"IN USE"
2.MAIN	
CAR ALLOWANCE	IN BID
ALLOW. FOR	1.TYPICAL
HOIST. DOORS EA	IN BID
2.MAIN	
SUPERVISORY CONTROL	
STARTER & CONTROL PANEL	
INTERCOM. SYSTEM	

BUILDING: LANGLEY PROJECT  
 LOCATION:

REV. JAN 31, 1988